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☐ 1: Acta Clin Belg. 1993;48(1):20-9.[Related Articles, Link](#)

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Critical Care Department, Vrije Universiteit Brussel, Belgium.

Despite the use of increasingly potent antibiotics and aggressive cardiovascular monitoring and support, Gram-negative bacteremia and ensuing sepsis and septic shock remain a leading cause of morbidity and mortality after surgery and in critically ill patients. In previous years several new agents and techniques have been developed to improve management and outcome of severe Gram-negative infections. A recently introduced treatment is passive immunotherapy by administration of poly- or monoclonal anti-endotoxin antibodies. The current view--sustained by experimental and human studies--on the mechanism of protection afforded by immunotherapy is that the harmful effects of endotoxin are neutralized by cross-reactive antibodies to the core glycolipid structure of rough mutant Gram-negative bacilli. Two recent large clinical trials reported impressive results achieved through the use of monoclonal anti-endotoxin antibodies in certain subgroup of patients with Gram-negative sepsis. However, this treatment is empirical, expensive and it does not affect overall sepsis mortality. Cytokines such as tumor necrosis factor alpha and interleukin-1 play a pivotal role in sepsis. Experimental studies suggest that specific antagonism of these mediators might offer great perspectives for the treatment of Gram-negative sepsis. An early multi-pharmacological approach aimed at interruption of multiple steps underlying the inflammatory septic cascade will probably constitute the most promising future treatment of severe Gram-negative infectious disease.

Publication Types:

- Review
- Review, Tutorial

PMID: 7684546 [PubMed - indexed for MEDLINE]

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Aug 6 2003 12:56

WEST Search History

DATE: Tuesday, August 12, 2003

Set Name Query

side by side

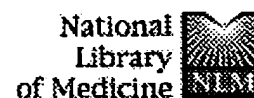
Hit Count Set Name

result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L19	L16 and strain	0	L19
L18	L16 and crossreactiv\$5	0	L18
L17	L16 and cross-reactiv\$5	0	L17
L16	20030099656 .pn.	2	L16
L15	L14 and @ad<20010126	44	L15
L14	antibody same (multiple several different) adj (phenotype genotype strain) and (crossreactiv\$4 or cross adj reactiv\$4) same (multiple several different) adj (phenotype genotype strain)	57	L14
L13	L12 and (crossreactiv\$4 or cross adj reactiv\$4) same (multiple several different) adj (phenotype genotype strain)	11	L13
L12	L11 and @pd<20010126	71	L12
L11	L10 and (crossreactiv\$4 or cross adj reactiv\$4)	166	L11
L10	L9 and bacter\$4	310	L10
L9	L8 and monoclonal with antibody	374	L9
L8	antibody same (multiple several different) adj (phenotype genotype strain)	504	L8
L7	L6 and monoclonal same (crossreactiv\$4 or cross adj reactiv\$4)	1	L7
L6	L4 and antibody	9	L6
L5	L4 and monoclonal	7	L5
L4	(clfA or clumping adj factor or fibronectin adj binding) and aureus and (crossreactiv\$4 or cross adj reactiv\$4)	9	L4
L3	staphylococcus and (CLfa or clf-A or clf adj A.u/c. or clumping adj factor adj A) same antibody	10	L3
L2	staphylococcus and (CLfa or clf-A or clf adj A.u/c. or clumping adj factor adj A) same antibody	10	L2
L1	staphylococcus and (CLfa or clumping adj factor adj A) same antibody	10	L1

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- Search History will be lost after eight hours of inactivity.
- To combine searches use # before search number, e.g., #2 AND #6.
- Search numbers may not be continuous; all searches are represented.

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Search	Most Recent Queries	Time	Result
#14	Search Staphylococcus aureus with antibiotic Field: Title, Limits: Publication Date to 2001/01/26, English	11:02:04	<u>240</u>
#21	Search Staphylococcus aureus with antibiotic and antibody Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	11:01:44	<u>30</u>
#54	Search ELisa and antibody and enzyme and aureus Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:44:45	<u>57</u>
#53	Search ELisa and antibody and enzyme Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:35:03	<u>6453</u>
#47	Search ELISA and mab and aureus Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:31:43	<u>11</u>
#45	Search ELISA and mab and detect antigen Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:30:07	<u>63</u>
#39	Search ELISA and detect antigen Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:29:30	<u>1134</u>
#36	Search ELISA and detect antigen	10:26:43	<u>2701</u>
#34	Search ELISA and review and detect antigen	10:24:32	<u>78</u>
#33	Search ELISA and bacterial Field: Title, Limits: Publication Date to 2001/01/26, English	10:16:41	<u>19</u>
#32	Search ELISA and review Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:16:17	<u>175</u>
#30	Search diagnosis and ELISA and infection and bacterial Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:12:44	<u>48</u>
#29	Search diagnosis and ELISA and infection Field: Title/Abstract, Limits: Publication Date to	10:12:24	<u>1208</u>

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Related Resources

2001/01/26, English

#27	Search diagnosis and ELISA and staphylococcus aureus Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:12:05	<u>21</u>
#26	Search diagnosis and ELISA and aureus Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:10:53	<u>22</u>
#25	Search diagnosis and ELISA Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:10:44	<u>3505</u>
#24	Search antibody and diagnosis and ELISA Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	10:10:28	<u>0</u>
#19	Search Staphylococcus aureus with antibiotic and antibody Field: Title, Limits: Publication Date to 2001/01/26, English	10:03:34	<u>1</u>
#13	Search Staphylococcus aureus with antibiotic Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	09:59:28	<u>2956</u>
#10	Search Staphylococcus aureus and antibiotic Field: Title/Abstract, Limits: Publication Date to 2001/01/26, English	09:57:06	<u>2956</u>
#9	Search Staphylococcus aureus and antibiotic Field: Title/Abstract, Limits: English	09:56:44	<u>3603</u>
#3	Search cdr3 and antibody and specificity Field: Title/Abstract, Limits: English	09:01:55	<u>81</u>
#2	Search cdr3 and antibody and specificity	09:01:38	<u>239</u>
#1	Search cdr3 and antibody and specificty	09:01:32	<u>0</u>

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